

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	133	((plastic or polymer) same preform same temperature same (profile or distribution)) and @ad<"20030201"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/10/08 15:25


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preform plastic oven temperature

1970

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All Results

[W Collette](#)
[S Krishnakumar](#)
[J Sollinger](#)
[D Aldrich](#)
[R Buchanan](#)

[Refillable polyester beverage bottle and preform for forming same - all 5 versions »](#)

WN Collette... - US Patent 4,725,464, 1988 - Google Patents

... ties deemed necessary to produce refillable **plastic** bot- dards. ... 3. A preform according

to claim 1 wherein said **pre -form** bottom has a generally flat ...

[Cited by 23 - Related Articles - Web Search](#)

[Method of making preform and container with crystallized neck finish - all 2 versions »](#)

WN Collette, SM Krishnakumar... - US Patent 6,217,818, 2001 - Google Patents

... amorphous body-forming portion of the **pre -form**. ... desired abuse resistance, and a **preform** sidewall with ... 3 shows a unitary expanded **plastic** preform con -tainer 70 ...

[Cited by 13 - Related Articles - Web Search](#)

[Integrated circuit package for flip chip with alignment preform feature and method of forming same - all 6 versions »](#)

KA Panchou, CM Newton, CD Rosier - US Patent 6,204,163, 2001 - Google Patents

... thermoplastic attachment film forming the **preform**, and the ... 4a) into the **oven** where the product is ... bond between the substrate, thermo- **plastic** attachment film ...

[Cited by 13 - Related Articles - Web Search](#)

[Process for preparing a fiber reinforced resin matrix preform - all 4 versions »](#)

»

DC Aldrich, RC Buchanan, JF Sollinger... - US Patent 4,846,908, 1989 - Google Patents

... 5Fiber-reinforced **plastic** structures havebeen used for many years ... 55% and 60 65% by weight ofthe **preform** shape ... The braided **pre -form** is heated on the mandrel in ...

[Cited by 10 - Related Articles - Web Search](#)

[Multilayer preform and container with polyethylene naphthalate \(PEN\), and method of forming same - all 3 versions »](#)

WN Collette, SL Schmidt, SM Krishnakumar... - US Patent 5,976,653, 1999 - Google Patents

... 10 is a unitary expanded **plastic** preform container having a ... less than about 5%. The **preform** should also ... This elevated **oven temperature** is selected to simulate ...

[Cited by 6 - Related Articles - Web Search](#)

[Low-loss, high-bandwidth graded-index plastic optical fiber fabricated by the centrifugal deposition ... - all 4 versions »](#)

BG Shin - Applied Physics Letters, 2003 - plaza.snu.ac.kr

... **Plastic** optical fiber POF is a suitable transmission me ... The refractive index profile of the **preform** and fiber ... refractive index profiles of the **pre- form** and the ...

[Cited by 5 - Related Articles - View as HTML - Web Search - BL Direct](#)

[Fiber reinforced resin preform - all 3 versions »](#)

DC Aldrich, RC Buchanan, JF Sollinger... - US Patent 5,016,516, 1991 - Google Patents

... to braiding fibers into a **pre -form** shape, and ... Fiber-reinforced **plastic** structures

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All Results

[A Bachmann](#)[M O'Donnell](#)[S Cantor](#)[G Venkateswara...](#)[C Bell](#)

[CITATION] Effects of infrared lamp temperature and other variables on the reheat rate of PET

MD Shelby - Proceedings of the Conference, Antec, 1991

[Cited by 4 - Related Articles - Web Search](#)

Effects of temperature profiles through preform thickness on the properties of reheat-blown PET ... - all 2 versions »

G Venkateswaran, MR Cameron, SA Jabarin - Advances in Polymer Technology, 1998 - doi.wiley.com

... **EFFECTS OF TEMPERATURE THROUGH PREFORM THICKNESS ... PET preform was obtained using an IR spectrometer for ... Infrared pyrometers have been used for the measurement ...**

[Cited by 8 - Related Articles - Web Search - BL Direct](#)

Effects of lowered temperature on time estimation - all 2 versions »

CR Bell - The Quarterly Journal of Experimental Psychology, 1975 - informaworld.com

... this technique to examine the **effects** of lowered ... From around the tank, **infra-red lamps** were shone on to ... general lowering of internal **temperature** persisted for ...

[Cited by 7 - Related Articles - Web Search](#)

Experimental study and numerical simulation of preform or sheet exposed to infrared radiative ... - all 5 versions »

S Monteix, F Schmidt, Y Le Maoult, R Ben Yedder, ... - Journal of Materials Processing Tech., 2001 - Elsevier

... [7] MD Shelby, **Effects of infrared lamp temperature and other variables on the reheat**

rate of PET, in: Proceedings of the Conference, Antec'91, 1991, pp. ...

[Cited by 2 - Related Articles - Web Search](#)

Polyester compositions containing near infrared absorbing materials to improve reheat - all 2 versions »

BE Maxwell, MA Weaver, JJ Krutak Sr, WW Parham, GF ... - US Patent 6,197,851, 2001 - Google Patents

... 5 ir ... body absorbers which absorb energy across the whole spectrum of **infrared** and

45 ... To some extent, this **effect** can be controlled by varying the particle size ...

[Cited by 1 - Related Articles - Web Search](#)

Glass membrane for controlled diffusion of gases - all 3 versions »

JE Shelby, BE Kenyon... - US Patent 6,231,642, 2001 - Google Patents

... 10, the **effect** of identity of the dopant on ... purging, gas compression, exposure to **infrared** radiation, pressurization ... 30 spheres to the IR radiation releases at ...

[Cited by 3 - Related Articles - Web Search](#)

Analysis of Radiant Heating to Produce an Alternative Frying Process


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preform plastic temperature

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[W Collette](#)
[S Krishnakumar](#)
[Y Koike](#)
[J Martinez-Fe...](#)
[Y Ohtsuka](#)

Plastic container, preform for and method of making same - all 2 versions

»

WN Collette, SM Krishnakumar... - US Patent 4,889,247, 1989 - Google Patents
 ... forming a hollow blow molded **plastic** container, said preform being ... to said shoulder defining portion of said **pre-form**. 2. A **preform** according to claim 1 wherein ...
[Cited by 9 - Related Articles - Web Search](#)

Preform having inner partition wall and process of making plastic vessel having inner partition wall - all 3 versions »

Y Nakamura... - US Patent 5,232,108, 1993 - Google Patents
 ... an internal cap 52 as made of **plastic** is threadedly ... the internal partition wall 78 of the **pre-form** 70 ... After injection molded the **preform** 70, the injection core ...
[Cited by 20 - Related Articles - Web Search](#)

High temperature compressive mechanical behavior of biomorphic silicon carbide ceramics - all 5 versions »

J Martínez-Fernández, FM Valera-Feria, M Singh - Scripta Materialia, 2000 - Elsevier
 ... molten silicon into a porous **preform** of carbonized ... 2. At room **temperature** the stresses on the ... increased linearly until failure without **plastic** deformation (the ...
[Cited by 26 - Related Articles - Web Search - BL Direct](#)

Foil-covered automatic interior **plastic** part having a decorative **preform** and method of making same - all 3 versions »

DJ Preisler, JT Murar - US Patent 6,180,207, 2001 - Google Patents
 ... the **preform** 12 is inserted into a **plastic** mold. At block 206, molten resin is injected into the **plastic** mold through its injection aperture at a **temperature** and ...
[Cited by 8 - Related Articles - Web Search](#)

Plastic vessel preform and mold for forming the same - all 2 versions »

H Oriimoto, F Amari... - US Patent 5,447,766, 1995 - Google Patents
 ... molding a **plastic** vessel during one stage. The cycle includes an eject and insert step 40, a **preform** injection molding step 42, a **temperature** adjusting step 44 ...
[Cited by 6 - Related Articles - Web Search](#)

Refillable polyester beverage bottle and **preform** for forming same - all 5 versions »

WN Collette... - US Patent 4,725,464, 1988 - Google Patents
 ... ties deemed necessary to produce refillable **plastic** bottles. ... 3. A **preform** according to claim 1 wherein said **pre-form** bottom has a generally flat ...
[Cited by 23 - Related Articles - Web Search](#)

Method of forming a two piece chip carrier - all 3 versions »

JO Wright - US Patent 5,014,418, 1991 - Google Patents
 ... a first surface of a first epoxy B-stage **preform** to a pre-molded **plastic** base by ... cause the adhering without curing the first epoxy B-stage **pre-form**, and (b ...


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[preform plastic temperature distribution]

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[Y Koike](#)
[R Schad](#)
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[G Hughes](#)
[J Murchie](#)

Preform having inner partition wall and process of making plastic vessel having inner partition wall - all 3 versions »

Y Nakamura... - US Patent 5,232,108, 1993 - Google Patents

... an internal cap 52 as made of plastic is threadedly ... the internal partition wall 78 of the pre -form 70 ... After injection molded the preform 70, the injection core ...

Cited by 20 - Related Articles - Web Search

Apparatus for preparing hollow plastic articles - all 3 versions »

RD Schad, H Rees, G Hughes, JR Murchie - US Patent 4,690,633, 1987 - Google Patents
... ofboth materials, that is, the sleeve and preform, ... temperature conditioning devices along the length of plastic parisons in an injection molding cycle for trans ...

Cited by 27 - Related Articles - Web Search

Effects of temperature profiles through preform thickness on the properties of reheat-blown PET ... - all 2 versions »

G Venkateswaran, MR Cameron, SA Jabarin - Advances in Polymer Technology, 1998 - doi.wiley.com

... amount of radiation incident on the plastic surface depends ... the heater and reaching the pre- form surface ... amount of radiation incident on the preform surface is ...

Cited by 8 - Related Articles - Web Search - BL Direct

One piece self-standing blow molded plastic containers - all 3 versions »

MH Beck - US Patent 4,889,752, 1989 - Google Patents

... limits to the radius that can be formed with plastic, specifically PET ... between the stretch rod 50 and the pre -form 26' at the top causing the preform 26' to ...

Cited by 15 - Related Articles - Web Search

SENSITIVITY ANALYSIS AND SHAPE OPTIMIZATION FOR PREFORM DESIGN IN THERMO-MECHANICAL COUPLED ANALYSIS - all 3 versions »

IJNM Engng - Int. J. Numer. Meth. Engng, 1999 - doi.wiley.com

... PREFORM DESIGN IN THERMO-MECHANICAL COUPLED ANALYSIS ... is the heat generated by plastic

deformation ... The temperature distribution can be obtained by solving the non ...

Cited by 15 - Related Articles - Web Search - BL Direct

Apparatus for shaping a tubular preform into a hollow body - all 4 versions »

N Torsten - US Patent 5,067,888, 1991 - Google Patents

... a stretched and oriented blank ofthermo plastic material 35 ... in the mouth region of the intermediate pre -form in place, the intermediate preform is kept ...

Cited by 6 - Related Articles - Web Search

... of heating thermoplastic bottle of preform and method of controlling temperature of heating member ... - all 5 versions »

I Sugiyama, K Ishibashi, N Takakusaki, Y Maruhashi, ... - US Patent 5,032,700, 1991 - Google Patents

... thermoplastic material or the bottle and the preform or plastic bottle is ... simultaneously internally and externally thereof, the temperature ofthe respective ...